Docket No.: VÖLKEL Appl. No.: 10/537,554

AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES

MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS

1. (Currently amended) A drilling method for creating [[a]] an underground

channel leading from surrounding soil into to a shaft which is separated from

the soil by a wall, said method comprising the following steps:

drilling a channel [[(5)] through [[the]] soil from a starting pit [[(1)]] in the

a direction of the shaft using a first drill head-(6),

drilling through the a wall [[(7)]] of the shaft in this said direction with the

first drill head (6) in order to create a breach [[(8)]] in the wall,

changing from the first drill head to a second drill head [[(9)]] or drill

arrangement in the shaft, and

widening the breach [[(8)]] in the wall by drilling in the opposite direction

with the second drill head [[(9)]].

2. (Currently amended) The drilling method as claimed in claim 1, characterized

in that the drilling in the opposite direction with the second drill head (9)

wherein the widening step is terminated upon reaching that a surface of the

wall [[(7)]] located toward the outside in relation to the an interior of the shaft.

3

Docket No.: VÖLKEL Appl. No.: 10/537,554

3. (Currently amended) The drilling method as claimed in claim 2, characterized in that further comprising the step of retracting the second drill head (9) is

guided back into the shaft [[(1)]] after termination of the drilling with the

second drill head widening step.

4. (Currently amended) The drilling method as claimed in one of claims 1

through 3, characterized in that claim 1, further comprising the step of

providing a transmitter on at least one of the first drill head (6) and/or a

further transmitter on and the second drill head (9) emits to emit a position

signal to a receiver, and controlling the drilling parameters are regulated as a

function of the position signal received by [[a]] the receiver.

5. (Currently amended) The drilling method as claimed in one of claims 1

through 4, characterized in that claim 1, further comprising the step of lining

the breach [[(8)]] in the wall enlarged by the second drill head (9) is lined after

the widening step.

4

Docket No.: VÖLKEL Appl. No.: 10/537,554

6. (Currently amended) A drilling system, comprising:

with a drill slide [[(3)]],

a drill rod acted upon by the drill slide, and

two drill heads [[(6, 9)]], in which the first one drill head is designed to advance by being pushed by the <u>drill</u> rod <u>for executing a forward movement</u>, and the second <u>other</u> drill head is designed to advance by being pulled by the rod <u>for executing a forward movement in opposition to the forward movement of the one drill head</u>, said second <u>other</u> drill head being designed <u>constructed</u> to create a larger cross section of the <u>widen a cross section of a</u> drilled hole.

- 7. (Currently amended) The drilling system as claimed in claim 6, characterized in that, in order wherein the other drill head has a drilling surface formed with a plurality of bits to provide a smooth edge when drilling through masonry[[,]] the second drill head (9) is designed with a large number of bits or the like on the drilling surface.
- 8. (Currently amended) The drilling system as claimed in claim 6 or 7, characterized in that wherein the second drill head [[(9)]] is designed as a core hole drill.

Docket No.: VÖLKEL Appl. No.: 10/537,554

9. (Currently amended) Use of A method of using a drilling system as claimed in one of claims 6 through 8 of claim 6 for carrying out a method as claimed in one of claims 1 through 5 of claim 1, in particular for creating a channel for a house service connection.